

## PATENT ABSTRACTS OF JAPAN

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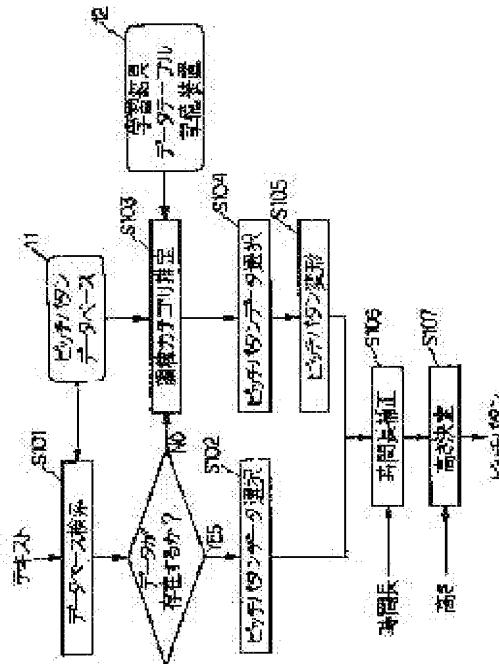
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## (54) METHOD AND DEVICE FOR GENERATING PITCH PATTERN, AND PROGRAM RECORDING MEDIUM

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To select appropriate pitch pattern data and to generate a highly natural pitch pattern in text sound synthesis.

**SOLUTION:** The pitch pattern data belonging to a rhythm category equal to the rhythm category of a text to be synthesized are retrieved in a pitch pattern database (S101), and when they exist, the pitch pattern data are selected from the rhythm category (S102), and when not, the rhythm category that the shape of the pitch pattern is the nearest to the rhythm category of the text is estimated (S103). Then, the pitch pattern is selected from the rhythm category (S104), and a difference vector between the selected rhythm category and the rhythm category of the text is applied to the selected pitch pattern data to be deformed (S105), and the pitch pattern is generated.



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